CLAIMS

1. Electromagnetic deflection unit for colour cathode-ray tubes, comprising a pair of frame deflection coils and a pair of line deflection coils, at least one of the two pairs having the shape of a saddle, each saddle-shaped deflection coil (3) extending along a longitudinal axis Z and having a rear bundle (19) on the side facing the electron gun and a front bundle (29) on the side facing the screen, having a window (18) in an intermediate region lying between these said bundles, two lateral harnesses of conductors (120) connecting the front bundle to the rear bundle, each lateral harness comprising a plurality of groups of conductors,
characterized in that the external edge (121) of the lateral harness of at least one pair of saddle-shaped coils lies in a radial angular position greater than 5° at least in the front part (22) of the coil.

2. Deflection unit according to the preceding claim, characterized in that the saddle-shaped coils are the vertical deflection coils.

3. Deflection unit according to Claim 2, characterized in that the 7th-order harmonic of the potential created by the vertical deflection coils is positive at the front of the said coils.

4. Deflection unit according to one of the preceding claims, characterized in that along the Z axis the external edge of the lateral harness remains in a radial angular position close to 0° as far as a point lying within the intermediate region.

5. Deflection unit according to the preceding claim, characterized in that the region in which the external edge of the lateral harness remains in a radial angular position close to 0° is equal to or greater than two thirds of the length along Z of the deflection coil.

6. Deflection unit according to either of the preceding Claims 4 and 5, characterized in that the

external edge of the lateral harness in the front part of the coil remains in an approximately constant radial angular position.

7. Cathode-ray tube which includes a deflection unit according to any one of the preceding claims.